

[Sign in](#)[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

[Advanced Search](#) [Preferences](#)

Try uppercase "OR" to search for either of two terms. [\[details\]](#)**Web Results 1 - 10 of about 833 for tcam or (ternary content (storage or memory) ) or cam. (0.22 seconds)****Scholarly articles for tcam or (ternary content (storage or memory) ) or cam**

- [A ternary content-addressable memory \(TCAM\) based on 4T ...](#) - Arsovski - Cited by 27
- [Ternary CAM memory architecture and methodology](#) - Kempke - Cited by 76
- [A low-power content-addressable memory \(CAM\) using ...](#) - Pagiamtzis - Cited by 14

[\[PDF\] A ternary content-addressable memory \(TCAM\) based on 4T static ...](#)

File Format: PDF/Adobe Acrobat

[A Ternary Content-Addressable Memory \(TCAM\) Based on 4T Static Storage ... storage, ternary. I. I. NTRODUCTION. C. ONTENT Addressable Memory \(CAM\) is an ...](#)  
[ieeexplore.ieee.org/iel5/4/25961/01158796.pdf?arnumber=1158796](#) - [Similar pages](#)

[Welcome to IEEE Xplore 2.0: A nonredundant ternary CAM circuit for ...](#)

An optimized **Ternary CAM** concept is introduced for the hardware search ... "A **ternary content-addressable memory (TCAM)** based on 4T static **storage** and ...  
[ieeexplore.ieee.org/xpls/abs\\_all.jsp?arnumber=1624376](#) - [Similar pages](#)  
[\[ More results from ieeexplore.ieee.org \]](#)

[A Ternary Content-Addressable Memory \(TCAM\) Based on 4T Static ...](#)

[A Ternary Content-Addressable Memory \(TCAM\) Based on 4T Static Storage \(2003\) ...](#)  
 0.1: Reducing Routing Table Size Using **Ternary-CAM** - Liu (2001) (Correct) ...  
[citeseer.ist.psu.edu/659120.html](#) - 16k - [Cached](#) - [Similar pages](#)

[Kostas Pagiamtzis: Introduction to Content-Addressable Memory \(CAM\)](#)

Figure 3(c) shows a **ternary CAM** (TCAM) cell. The TCAM cell stores an ... Content-addressable and associative **memory**: Alternatives to the ubiquitous RAM. ...  
[pagiamtzis.com/cam/camintro.html](#) - 19k - [Cached](#) - [Similar pages](#)

[\[PDF\] A High-Density Ternary Content-Addressable Memory Using Single ...](#)

File Format: PDF/Adobe Acrobat

**Ternary CAM (TCAM)** using SETs. The proposed. TCAM architecture uses a SET-based **ternary memory**. [8] for three-level data **storage** and a dual-gate SET ...  
[doi.ieeecomputersociety.org/10.1109/ISMV.2006.6](#) - [Similar pages](#)

[Ternary content addressable memory \(TCAM\) cells with small ...](#)

Title: **Ternary content addressable memory (TCAM) cells with small ...** The right half of the **ternary CAM** cell 10A includes a Y-SRAM **storage** element that ...  
[www.freepatentsonline.com/6900999.html](#) - 62k - [Cached](#) - [Similar pages](#)

[Content-addressable memory - Wikipedia, the free encyclopedia](#)

**Content-addressable memory (CAM)** is a special type of computer **memory** used ...  
**Ternary CAM** allows a third matching state of "X" or "Don't Care" for one or ...  
[en.wikipedia.org/wiki/Content-addressable\\_memory](#) - 25k - [Cached](#) - [Similar pages](#)

[\[PDF\] Microsoft PowerPoint - 6 CAMsession2Pres1.ppt](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)

**Ternary Content-Addressable Memory.** (Network Search Engine). 10010101011011110 ...  
**Main Memory. CAM-Cache :** Ideal Architecture. System bus. **TCAM** ...  
[www-2.cs.cmu.edu/~damon2005/damonpdf/6%20hardware%20acceleration%20for%](#)

20database%20systems%20using%20con... - [Similar pages](#)

**Low-power CAM design group**

Efficient Mapping of Range Classifier into Ternary-CAM (PDF) A Ternary Content-Addressable Memory (TCAM) Based on 4T Static Storage and Including a ...  
www.ece.uwaterloo.ca/~n2mohan/cam.html - 12k - [Cached](#) - [Similar pages](#)

[PDF] **On using content addressable memory for packet classification**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

one or several Ternary Content Addressable Memory (TCAM) devices, depending on ...

Recall that a **CAM** bit requires six transistors for bit **storage** and four ...

www.seas.wustl.edu/Research/FileDownload.asp?398 - [Similar pages](#)

Result Page:    [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#)    [Next](#)

Try [Google Desktop](#): search your computer as easily as you search the web.

---

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

---

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google

[Sign in](#)[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

(tcam or (ternary content (storage or memory))  Advanced Search Preferences

Try uppercase "OR" to search for either of two terms. [\[details\]](#)The "AND" operator is unnecessary -- we include all search terms by default. [\[details\]](#)**Web Results 1 - 10 of about 262 for (tcam or (ternary content (storage or memory) ) or cam) and (character ...****Scholarly articles for (tcam or (ternary content (storage or memory) ) or cam) and (character matching)**[IPStash: a power-efficient memory architecture for IP-lookup - Kaxiras - Cited by 6](#)**[PDF] A CAM-Based Signature-Matching Co-processor with Application ...**

File Format: PDF/Adobe Acrobat

but the matching process requires a ternary CAM (TCAM). ... "A ternary content-addressable memory (TCAM) based on 4T static storage and includ- ...  
ietele.oxfordjournals.org/cgi/reprint/E88-C/6/1332.pdf - [Similar pages](#)**Ternary content addressable memory (TCAM) cells with small ...**6522562 to Foss, entitled "Content Addressable Memory Cell Having Improved ... The right half of the ternary CAM cell 10A includes a Y-SRAM storage element ...  
www.freepatentsonline.com/6900999.html - 62k - [Cached](#) - [Similar pages](#)**Sense amplifier circuit for content addressable memory device ...**"A Ternary Content-Addressable Memory (TCAM) Based on 4T Static Storage and ... It is understood that a conventional CAM includes numerous match lines, ...  
www.freepatentsonline.com/7084672.html - 55k - [Cached](#) - [Similar pages](#)  
[ More results from www.freepatentsonline.com ]**[PDF] A Fast URL Lookup Engine for Content-Aware Multi-gigabit Switches**

File Format: PDF/Adobe Acrobat

CAM: binary CAM (BCAM), and ternary CAM (TCAM). A binary CAM can store only binary values while a ... storage, and one CAM for final URL matching. The ...  
ieeexplore.ieee.org/iel5/9746/30737/01423562.pdf?arnumber=1423562 - [Similar pages](#)**[PDF] FTSE: The FNP-Like TCAM Searching Engine**

File Format: PDF/Adobe Acrobat

This paper presents FTSE, a Ternary Content Addressable Memory (TCAM) based ... while a more powerful Ternary CAM (TCAM) allows. pattern matching with the ...  
ieeexplore.ieee.org/iel5/10000/32117/01493825.pdf?arnumber=1493825 - [Similar pages](#)**[PDF] A Memory-Efficient Parallel String Matching Architecture for High ...**File Format: PDF/Adobe Acrobat - [View as HTML](#)Yu et al. proposed a ternary content. addressable memory (TCAM)-based scheme [18] that can ... resulting in the redundant storage for part of characters. ...  
www.cs.cmu.edu/~xzhang1/doc/01705612.pdf - [Similar pages](#)**[PPT] Slide 1**File Format: Microsoft Powerpoint - [View as HTML](#)Content Addressable Memory is a special kind of memory! Read operation in traditional memory: ... Ternary CAM (TCAM) stores 0s, 1s and don't cares. ...  
https://www.cs.umd.edu/~vahid/CAM.ppt - [Similar pages](#)**[PDF] High Performance String Matching Algorithm for a Network Intrusion ...**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

**CAM** algorithm. The algorithm operates in 3 or 4 steps: (i) ... A **ternary content-addressable memory (tcam)** based on 4t static **storage** and ...  
www.cs.huji.ac.il/~dolev/pubs/hpsr-06-shimrit-1568979871.pdf - [Similar pages](#)

[PDF] **TCAM Enabled On-Chip Logic Minimization**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

The proposed logic minimizer architecture, utilizes **ternary content addressable memory (TCAM)** cells, to support **storage** and comparison of minterms expressed ...  
research.cs.tamu.edu/codesign/papers/DAC%202005.pdf - [Similar pages](#)

[PDF] **CYSEP -- A CYBER-SECURITY PROCESSOR FOR 10GBPS NETWORKS AND BEYOND**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Prefix fields will be implemented using **Ternary Content** Addressable Memories (TCAMs) and ... the string **characters match** the labels on any part of the FA ...  
eeweb.poly.edu/chao/docs/public/Milcom04.pdf - [Similar pages](#)

Result Page:    [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#)    [Next](#)

Try [Google Desktop](#): search your computer as easily as you search the web.

---

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

---

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google

[Sign in](#)
[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)


[Advanced Search](#)
[Preferences](#)

The "AND" operator is unnecessary -- we include all search terms by default. [\[details\]](#)

**Web Results 1 - 10 of about 654 for unanchored search of a database and a pattern matching. (0.22 seconds)**

### Scholarly articles for unanchored search of a database and a pattern matching



[Expressed sequence tags \(ESTs\) - Wolfsberg - Cited by 4](#)

[A Formal Framework for Linguistic Annotation - Bird - Cited by 206](#)

[Fast and sensitive multiple alignment of large genomic ... - Brudno - Cited by 46](#)

### Hifn Pattern Matching Software

Each HPM context binds the appropriate HPM pattern database to the next ... per scan (not just one **match**); **Match** anywhere, **unanchored** (or anchored) searches.

[www.hifn.com/products/HPM.html - 22k - Cached - Similar pages](#)

### [PDF] A Backend Machine Architecture for Information Retrieval.

File Format: PDF/Adobe Acrobat

A 30 billion character **database search** will require about 80 hours on such a system. ...

The techniques of **unanchored** mode operation, **sub-pattern match**- ...

[portal.acm.org/ft\\_gateway.cfm?id=636688&](#)

[type=pdf&coll=&dl=acm&CFID=15151515&CFTOKEN=6... - Similar pages](#)

### [PDF] A PROPOSAL FOR A HARDWARE TEXT PROCESSOR AMARMUKHOPADHYAY DEPT. OF ...

File Format: PDF/Adobe Acrobat

String **Search Control**: there are a. couple of interesting commands like ... is not specified the **pattern matching** takes place. in the **unanchored** mode. ...

[portal.acm.org/ft\\_gateway.cfm?id=802692&type=pdf - Similar pages](#)

### 7. CIKM 1998: Bethesda, Maryland, USA

Temporal Granularity for Unanchored Temporal Data. 414-423 ... Handling Temporal

Grouping and **Pattern-Matching** Queries in a Temporal Object Model. 424-431 ...

[www.informatik.uni-trier.de/~ley/db/conf/cikm/cikm98.html - 29k - Cached - Similar pages](#)

### CIKM '98 Schedule

Laboratory for Database Systems Research, Dept of Computing Science, University of Alberta. "Handling Temporal Grouping and **Pattern-Matching** Queries in a ..."

[www.cs.umbc.edu/cikm/1998/Program2.html - 15k - Cached - Similar pages](#)

### GelAssemble

The **search** is case-insensitive, and GelAssemble does not understand nucleotide ambiguity symbols in **pattern matching**. For instance, /RAC matches RAC, ...

[helix.nih.gov/docs/gcg/gelassemble.html - 58k - Cached - Similar pages](#)

### SC AV: Meeting 2 Summary, January 10-11, 2001

This is really just an **unanchored phrase search**. ... holdings information together in one **search**, the **database** name must represent the "holdings **database**" ...

[www.unt.edu/zprofile/Level\\_3/Summary2.htm - 65k - Cached - Similar pages](#)

### [RTF] Next To Final Draft Profile for NISO SC AV Review, November 2002

File Format: Rich Text Format - [View as HTML](#)

US2.21 Government Documents **Search** - Unanchored Phrase ... Four **pattern** searches (Keyword with Right Truncation, Exact Match, First Words in Field, ...)

[www.unt.edu/zprofile/Profile/FinalNov2002/FinalDraftProfileNovember2002.rtf](http://www.unt.edu/zprofile/Profile/FinalNov2002/FinalDraftProfileNovember2002.rtf) -  
[Similar pages](#)  
[ More results from [www.unt.edu](http://www.unt.edu) ]

[PDF] **SEARCH-EFFECTIVENESS MEASURES FOR SYMBOLIC MUSIC QUERIES IN VERY ...**

File Format: PDF/Adobe Acrobat - [View as HTML](#)  
notes in the combined **database**, with **search** statistics tak- ing almost three days per feature to ... chored and **unanchored Match** Count Profiles for the mu- ...  
[ismir2004.ismir.net/proceedings/p051-page-266-paper135.pdf](http://ismir2004.ismir.net/proceedings/p051-page-266-paper135.pdf) - [Similar pages](#)

[PDF] **SEARCH-EFFECTIVENESS MEASURES FOR SYMBOLIC MUSIC QUERIES IN VERY ...**

File Format: PDF/Adobe Acrobat - [View as HTML](#)  
**search** charactistics on the entire **database** requires about. one million **database** queries, ... chored and **unanchored Match** Count Profiles for the mu- ...  
[ccrma.stanford.edu/~craig/papers/04/ismir2004slf.pdf](http://ccrma.stanford.edu/~craig/papers/04/ismir2004slf.pdf) - [Similar pages](#)

Result Page:    [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#)      [Next](#)

Try [Google Desktop](#): search your computer as easily as you search the web.

---

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

---

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google

[Sign in](#)
[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)


[Advanced Search](#)  
[Preferences](#)

Try uppercase "OR" to search for either of two terms. [[details](#)]

**Web**

Results 1 - 10 of about 1,080,000 for **string or character pattern matching**. (0.24 seconds)

### **Pattern (Java 2 Platform SE v1.4.2)**

If this **pattern** does not **match** any subsequence of the input then the resulting array has just one element, namely the input sequence in **string** form. ...

[java.sun.com/j2se/1.4.2/docs/api/java/util/regex/Pattern.html](http://java.sun.com/j2se/1.4.2/docs/api/java/util/regex/Pattern.html) - 62k - [Cached](#) - [Similar pages](#)

### **Pattern Matching and Creating a HelpSet with JavaHelp software**

A regular expression is a **pattern** of **characters** that describes a set of strings ... So if you request a **match** against the **pattern** "j.\*z", using the **string** ...

[java.sun.com/developer/JDCTechTips/2002/tt0423.html](http://java.sun.com/developer/JDCTechTips/2002/tt0423.html) - 37k - [Cached](#) - [Similar pages](#)

### **Pattern matching - Wikipedia, the free encyclopedia**

will **match** a **string** that has two **characters** and begins with "a". The same **pattern** in Haskell: [a, \_]. Symbolic entities can be introduced to represent ...

[en.wikipedia.org/wiki/Pattern\\_matching](http://en.wikipedia.org/wiki/Pattern_matching) - 37k - [Cached](#) - [Similar pages](#)

### **Categories of pattern matching characters**

Tutorial introduction (2 ways to define a regular expression); Categories of **pattern matching characters**; **String** and **Regular Expression** methods ...

[www.javascriptkit.com/javatutors/re2.shtml](http://www.javascriptkit.com/javatutors/re2.shtml) - 24k - [Cached](#) - [Similar pages](#)

### **PostgreSQL: Documentation: Manuals: PostgreSQL 7.3: Pattern Matching**

As with LIKE , **pattern characters** **match string characters** exactly unless they are special **characters** in the regular expression language --- but regular ...

[www.postgresql.org/docs/7.3/static/functions-matching.html](http://www.postgresql.org/docs/7.3/static/functions-matching.html) - 30k - [Cached](#) - [Similar pages](#)

### **Pattern Matching (Programming Perl)**

If you **string** several **characters** in a row, they must **match** in order, just as you'd expect. So if you write the **pattern match**: /Frodo/ ...

[www.unix.org/oreilly/perl/prog3/ch05\\_01.htm](http://www.unix.org/oreilly/perl/prog3/ch05_01.htm) - 17k - [Cached](#) - [Similar pages](#)

### **Special pattern matching character operators**

The simplest and very common **pattern matching character** operators is the . ... end of the **string** as **matching** a \W . (Within **character** classes \b represents ...

[www.cs.cf.ac.uk/Dave/PERL/node79.html](http://www.cs.cf.ac.uk/Dave/PERL/node79.html) - 17k - [Cached](#) - [Similar pages](#)

### **Bash Reference Manual:**

The format is a **character string** which contains three types of objects: plain **characters**, ... In addition to the normal shell **pattern matching characters**, ...

[www.gnu.org/software/bash/manual/bashref.html](http://www.gnu.org/software/bash/manual/bashref.html) - 654k - [Cached](#) - [Similar pages](#)

### **Shell Command Language**

The asterisk ( '\*' ) is a **pattern** that shall **match** any **string**, including the null **string**. The concatenation of patterns **matching** a single **character** is a ...

[www.opengroup.org/onlinepubs/009695399/utilities/xcu\\_chap02.html](http://www.opengroup.org/onlinepubs/009695399/utilities/xcu_chap02.html) - 123k - [Cached](#) - [Similar pages](#)

### **The Perl Tutorial: Pattern Matching**

**Pattern matching** is the searching of a sequence of **characters** within a **character string**. When doing **pattern matching** if a **pattern** is found then a **match** is ...

[webdevelopment.developersnetwork.com/Articles.asp?Article=143](http://webdevelopment.developersnetwork.com/Articles.asp?Article=143) - 35k -  
[Cached](#) - [Similar pages](#)

Result Page:    [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#)    [\*\*Next\*\*](#)

Try [Google Desktop](#): search your computer as easily as you search the web.

---

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

---

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2006 Google